

Machine - Datasheet

Machinetype: Drilling and milling center
 Make: PAMA
 Type: Speedmat 4/TR 25
 Year of manufacture: 2007
 Control: SIEMENS 840 D
 Origin: Italy
 Term of delivery: On request
 Quotation: Ex works



Technical details

Dimension

Travel distances

x-travel	4000 mm
y-travel	3000 mm
z-travel	2200 mm

quill stroke	800 mm
max. workpiece weight	20000 kg
spindle diameter	160 mm
max. torque at the spindle	2346 Nm
total power requirement	65 kW

max. workpiece weight	20000 kg
tool taperISO 50 BIG PLUS DIN 69871	

weight of the machine ca.	50000 t
dimensions of the machine ca.	12,8 x 11,8 x 5,7 m

Work table

- Clamping surface	2500 x 2000 mm
- Table height above floor	800 mm

Feed speed

- x-axis 0.5 to 10000 mm/min
- y-axis 0.5 to 10000 mm/min
- Z-axis 0.5 to 10,000 mm/min
- Rapid traverse (X/Y/Z) 25 / 25 / 25 m/min
- Max. feed force (X/Y/Z) 28,000 / 27,000 / 28,000 N

Spindle speeds in 1/min

- Gear stage 1: 6 to 848 rpm
- Gear stage 2: 850 to 3000 rpm

Tool magazine:

- 306 slots divided as follows:
Number of slots max. length 700 mm: 54
Number of slots max. length 450 mm: 54
Number of slots max. length 300 mm: 63
Number of slots max. length 200 mm: 135
- Tool weight max. 35 kg
- Tool diameter with free auxiliary slots max. 325 mm
- Tool diameter without free secondary spaces max. 105 mm

Accessories

- Approx. 30 nos. SK 50 tool holders
- 1 measuring probe
- Coolant system/paper belt filter & chip conveyor
- Cooler
- Oil mist extraction
- Fixators
- Documentation